Power situtation in the country

249. SHRI TARIQ ANWAR: Will the Minister of POWER be pleased to state:

(a) whether it is fact that despite all the steps taken, the condition of the power in the country is not upto the mark;

(b) if so, the shortage of electricity, State-wise; and

(c) the action Government propose to take during the Eleventh Five Year Plan?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) and (b) There is overall shortage of power in the country. The shortages vary from State to State and season to season as well as times of the day depending on demand and supply of power. During April-July, 2007, the energy and peak shortage in the country were 18,969 MU (7.9%) & 13,686 MW (13.4%) respectively. The State-wise details of shortage of power in the country during July, 2007 and April-July, 2007 are given in the Statement-I and II (*See* below).

(c) The actions being taken/proposed to be taken by the Government in the Eleventh Five Year Plan to bridge the gap between demand and supply of electricity *inter alia* include:

- Augmentation of generation capacity. Capacity addition to the tune of 78,500 MW is proposed for the Eleventh Plan.
- Development of Ultra Mega Power Projects of 4000 MW capacity each under tariff based competitive bidding route.
- Strengthening of inter-state and inter-regional transmission capacity for optimum utilization of available power.
- Accelerated Power Development and Reforms Programme (APDRP) for reduction of AT&C losses, etc.
- Harnessing surplus captive power into the grid.
- Promoting demand side management, energy efficiency and energy conservation measures.

Statement-I

The state-wise details of shortage of power in the country

Power Supply Position (Provisional)

Figures in MU net

State/ System/ Region	July, 2007				April to July, 2007			
	Require-ment (MU)	Availabi-lity (MU)	Surplus/ Deficit (-) (MU)	(%)	Require-ment (MU)	Availabi-lity (MU)	Surplus/ Deficit (-) (MU)	(%)
Chandigarh	144	144	0	0.0	549	549	0	0.0
Delhi	2,329	2,324	-5	-0.2	8,650	8,630	-20	-0.2
Haryana	2,953	2,753	-200	-6.8	9,841	9,122	-719	-7.3

State/ System/ Region	July, 2007				April to July, 2007			
	Require-ment (MU)	Availabi-lity (MU)	Surplus/ Deficit (-) (MU)	(%)	Require-ment (MU)	Availabi-lity (MU)	Surplus/ Deficit (-) (MU)	(%)
Himachal Pradesh	511	511	0	0.0	1,921	1,910	-11	-0.6
Jammu & Kashmir	712	642	-70	-9.8	3,423	2,571	-852	-24.9
Punjab	4,908	4,708	-200	-4.1	15,439	14,888	-551	-3.6
Rajasthan	2,593	2,593	0	0.0	11,023	10,984	-39	-0.4
Uttar Pradesh	5,334	4,584	-750	-14.1	20,754	18,225	-2,529	-12.2
Uttarakhand	596	596	0	0.0	2,264	2,231	-33	-1.5
Northern Region	**20,080**	**18,855**	**-1,225**	**-6.1**	**73,864**	**69,110**	**-4,754**	**-6.4**
Chhattisgarh	1,164	1,116	-48	-4.1	4,746	4,467	-279	-5.9
Gujarat	4,457	4,079	-378	-8.5	21,727	18,773	-2,954	-13.6
Madhya Pradesh	2,428	2,358	-70	-2.9	11,430	10,170	-1,260	-11.0
Maharashtra	8,247	7,361	-886	-10.7	37,287	30,647	-6,640	-17.8
Daman & Diu	139	125	-14	-10.1	557	504	-53	-9.5
D.N. Haveli	260	260	0	0.0	1,076	1,076	0	0.0
Goa	222	221	-1	-0.5	929	920	-9	-1.0
Western Region	**16,917**	**15,520**	**-1397**	**-8.3**	**77,752**	**66,557**	**11,195**	**-14.4**
Andhra Pradesh	5,259	5,096	-163	-3.1	20,561	19,453	-1,108	-5.4
Karnataka	3,058	3,031	-27	-0.9	12,924	12,609	-315	-2.4
Kerala	1,203	1,191	-12	-1.0	5,105	4,993	-112	-2.2
Tamil Nadu	5,634	5,593	-41	-0.7	22,070	21,712	-358	-1.6
Pondicherry	161	161	0	0.0	641	641	0	0.0
Lakshadweep #	2	2	0	0	8	8	0	0
Southern Region	**15,315**	**15,072**	**-243**	**-1.6**	**61,301**	**59,408**	**-1,893**	**-3.1**
Bihar	734	680	-54	-7.4	2,980	2,754	-226	-7.6
DVC	1,092	1,078	-14	-1.3	4,375	4,292	-83	-1.9
Jharkhand	386	369	-17	-4.4	1,565	1,498	-67	-4.3
Orissa	1,612	1,594	-18	-1.1	6,083	5,986	-97	-1.6
West Bengal	2,463	2,402	-61	-2.5	9,999	9,715	-284	-2.8
Sikkim	21	20	-1	-4.8	84	82	-2	-2.4
Andaman-Nicobar #	20	15	-5	-25	80	60	-20	-25.0
Eastern Region	**6,308**	**6,143**	**-165**	**-2.6**	**25,086**	**24,327**	**-759**	**-3.0**
Arunachal Pradesh	28	26	-2	-7.1	120	102	-18	-15.0
Assam	445	420	-25	-5.6	1,557	1,442	-115	-7.4
Manipur	50	47	-3	-6.0	153	139	-14	-9.2

State/ System Region	July, 2007				April to July, 2007			
	Require-ment (MU)	Availabi-lity (MU)	Surplus/ Deficit (-) (MU)	(%)	Require-ment (MU)	Availabi-lity (MU)	Surplus/ Deficit (-) (MU)	(%)
Meghalaya	154	125	-29	-18.8	534	370	-164	-30.7
Mizoram	24	19	-5	-20.8	93	72	-21	-22.6
Nagaland	29	26	-3	-10.3	132	115	-17	-12.9
Tripura	68	62	-6	-8.8	242	223	-19	-7.9
North-Eastern Region	**798**	**725**	**-73**	**-9.1**	**2,831**	**2,463**	**-368**	**-13.0**
All India	**59,418**	**56,315**	**-3,103**	**-5.2**	**240,834**	**221,865**	**-18,969**	**-7.9**

Lakshadweep and Andaman & Nicobar Islands are stand-alone systems, power supply position of these, does not form part of regional requirement and availability

NOTE : Both peak met and energy availability represent the net consumption (including the transmission losses) in the various States.

Net export has been accounted for in the consumption of importing States

Statement-II

Peak Demand and Peak Met (Provisional)

State/ System/ Region	July, 2007				April to July, 2007			
	Peak Demand (MW)	Peak Met (MW)	Surplus/ Deficit (-) (MW)	(%)	Peak Demand (MW)	Peak Met (MW)	Surplus/ Deficit (-) (MW)	(%)
Chandigarh	264	264	0	0.0	275	275	0	0.0
Delhi	3,909	3,903	-6	-0.2	4,075	4,030	-45	-1.1
Haryana	5,000	4,433	-567	-11.3	5,000	4,583	-417	-8.3
Himachal Pradesh	874	874	0	0.0	874	874	0	0.0
Jammu & Kashmir	1,377	1,227	-150	-10.9	1,700	1,306	-394	-23.2
Punjab	8,000	6,987	-1,013	-12.7	8,000	7,052	-948	-11.9
Rajasthan	4,088	4,088	0	0.0	4,792	4,792	0	0.0
Uttar Pradesh	9,000	8,264	-736	-8.2	9,228	8,328	-900	-9.8
Uttarakhand	1,054	1,054	0	0.0	1,099	1,080	-19	-1.7
Northern Region	**32,072**	**29,414**	**-2,658**	**-8.3**	**32,072**	**29,414**	**-2,658**	**-8.3**
Chhattisgarh	2,064	1,823	-241	-11.7	2,266	1,853	-413	-18.2
Gujarat	9,642	7,982	-1,660	-17.2	10,728	8,376	-2,352	-21.9
Madhya Pradesh	4,172	4,151	-21	-0.5	5,932	4,829	-1,103	-18.6
Maharashtra	15,127	11,242	-3,885	-25.7	18,441	12,837	-5,604	-30.4

State/ System/ Region	July, 2007				April to July, 2007			
	Peak Demand (MW)	Peak Met (MW)	Surplus/ Deficit (-) (MW)	(%)	Peak Demand (MW)	Peak Met (MW)	Surplus/ Deficit (-) (MW)	(%)
Daman & Diu	218	199	-19	-8.7	218	199	-19	-8.7
D.N. Haveli	433	398	-35	-8.1	433	398	-35	-8.1
Goa	404	376	-28	-6.9	457	408	-49	-10.7
Western Region	**30,397**	**24,268**	**-6,129**	**-20.2**	**36,371**	**26,732**	**-9,639**	**-26.5**
Andhra Pradesh	8,410	7,866	-544	-6.5	9,701	8,641	-1,060	-10.9
Karnataka	4,850	4,715	-135	-2.8	6,583	5,506	-1,077	-16.4
Kerala	2,556	2,545	-11	-0.4	2,764	2,711	-53	-1.9
Tamil Nadu	8,716	8,561	-155	-1.8	8,776	8,591	-185	-2.1
Pondicherry	245	245	0	0.0	276	276	0	0.0
Lakshadweep #	6	6	0	0	6	6	0	0
Southern Region	**24,083**	**23,207**	**-876**	**-3.6**	**25,682**	**24,194**	**-1,488**	**-5.8**
Bihar	1,493	1,243	-250	-16.7	1,493	1,243	-250	-16.7
DVC	1,733	1,715	-18	-1.0	1,787	1,757	-30	-1.7
Jharkhand	660	651	-9	-1.4	672	672	0	0.0
Orissa	2,725	2,669	-56	-2.1	2,725	2,669	-56	-2.1
West Bengal	4,763	4,714	-49	-1.0	4,887	4,854	-33	-0.7
Sikkim	45	45	0	0.0	45	45	0	0.0
Andaman-Nicobar #	40	32	-8	-20	40	32	-8	-20
Eastern Region	**10,874**	**10,510**	**-364**	**-3.3**	**10,874**	**10,562**	**-312**	**-2.9**
Arunachal Pradesh	78	57	-21	-26.9	81	57	-24	-29.6
Assam	799	707	-92	-11.5	829	707	-122	-14.7
Manipur	100	90	-10	-10.0	100	90	-10	-10.0
Meghalaya	388	278	-110	-28.4	404	278	-126	-31.2
Mizoram	60	52	-8	-13.3	77	52	-25	-32.5
Nagaland	82	82	0	0.0	82	82	0	0.0
Tripura	142	141	-1	-0.7	147	141	-6	-4.1
North-Eastern Region	**1,589**	**1,343**	**-246**	**-15.5**	**1,589**	**1,343**	**-246**	**-15.5**
All India	**99,015**	**88,742**	**-10,273**	**-10.4**	**102,428**	**88,742**	**-13,686**	**-13.4**

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Note : Both peak met and energy availability represent the net consumption (including the transmission losses) in the various States. Net export has been accounted for in the consumption of importing States